



S. Little
1-7-03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#21/E

In re application of

Docket No: Q57649

Christian F. M. DUJARRIC

Appln. No.: 09/492,749

Group Art Unit: 3746

Confirmation No.: 1328

Examiner: E. Gartenberg

Filed: January 27, 2000

For: A PROPULSION DEVICE, IN PARTICULAR FOR A ROCKET

AMENDMENT UNDER 37 C.F.R. § 1.111

RECEIVED

JAN 06 2003

TECHNOLOGY CENTER R3700

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 29, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION:

E A speed of rotation of 30,000 revolutions per minute (rpm), which is representative of the normal speed of rotation of a turbopump, makes it possible to produce electricity at a high frequency and reach a frequency having the same order of magnitude as that required without requiring the presence of a complicated frequency converter from low frequency to the required high frequency. In industrial applications, it is known that frequency converters present a large amount of mass and also suffer from the drawback of poor energy efficiency for an induction heating system.